

The 2nd Winter Symposium of the
HUMAN MOTION PROJECT

From Gait Labs to the Real World



March 6th 2015, Munich
8⁰⁰ - 18⁰⁰



<http://goo.gl/forms/jRSooHZKwi>

organized by

Program

08:00 Registration | Coffee

08:30 Welcome by the Organizing Committee

08:45 Introduction: The Science of Walking
Andreas Mayer*, Centre Alexandre Koyré - Histoire
des Sciences et des Techniques, CNRS/EHESS, Paris

09:15 **Keynote 1**
"Acceleromics" - a new era of measuring
mobility in clinical research
Martin Daumer*, SLC - Human Motion Institute | Trium |
TUM, Munich

09:45 **Symposium 1**
Clinical gold standards &
mobile accelerometry to measure outcome

- **Assessment of posture and gait at the Munich-Aibling-Balance Unit**
Klaus Jahn*, Schön Klinik Bad Aibling and German Center for Vertigo and Balance Disorders, Munich
- **Mobile accelerometry and falls in patients with vertigo & dizziness**
Roman Schniepp*, Department of Neurology and German Center for Vertigo and Balance Disorders, Munich
- **Ecologic validity of methods to assess walking ability in MS**
Patrick Stellman*, UKE, Hamburg
- **Accelerometry in Parkinson's disease**
Markus Hobert*, HIH, Tübingen

10:45 Coffee Break & Posters

11:15 **Keynote 2**
Performance at old age
Jörn Rittweger*, Space Physiology, DLR, Cologne

Program

11:45 **Symposium 2**
Motivation & monitoring adherence
to exercise programs

- **Exercise intervention & assessment of impact in a phase II trial in patients with sarcopenia**
Dan Rooks*, Novartis, Boston
- **Prehabilitation - Exercise before Arthroplasty**
Lothar Seefried*, University of Würzburg
- **The Copenhagen Women study: Preliminary data related to cardiovascular health**
Ylva Hellsten*, University of Copenhagen

12:30 Buffet Lunch & Physical Activity
Parcours - Balance and gait tests,
physiotherapy, natural walking and running
shoes, poster & exhibition

14:00 **Keynote 3**
Validation studies for mobility outcomes
Jörg Goldhahn*, NIBR, Basel | ETH, Zurich

14:15 **Symposium 3**
Fundamental motion outcomes

- **Steps**
Reto W. Kressig*, University of Basel
- **Walking speed**
Eling de Bruin* - dual task, ETH, Zurich
- **Falls**
Jochen Klenk*, University Ulm
- **SPPB / Gait Variability**
N.N.

15:15 Coffee Break & Posters

16:00 Keynote 4

Regulator's view on the scientific and regulatory challenges in new mobility outcomes & PROs

Gabriele Schlosser-Weber*, BfArM/EMA, Bonn

16:30 Symposium 4

Panel Discussion: Big Data, Validation & Transparency

■ Information extraction and transparency in big data processing

Ieuan Clay*, NIBR, Basel

■ How to get better data in medicine

Tom MacDonald*, University of Dundee

■ Provocative statements: Publishing the wish to share data vs sharing data

■ Governance: How to build structures to guarantee the development of meaningful & valid outcomes

■ Funding & Independence

17:45 Summary & Farewell

18:00 "Goodbye Drinks"

* Speakers confirmed participation

The organizers reserve the right for rearrangements

Interested to present a poster, give a talk or exhibit?

Please contact:

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■ Venue

Klinikum der Universität München (LMU)

Campus Großhadern

Auditorium No. 2

Lecture-room section, 2nd floor

Marchioninstr. 15

81377 Munich - Germany

Approach: www.klinikum.uni-muenchen.de

U6 Klinikum Großhadern

■ Time

Friday, March 6th 2015

8:00 – 18:00

■ Registration

Industry	360€
Public research institution	240€
PhD Students	80€
Students	40€
Students presenting poster	free
Interested patients	free
Press	free

All fees are subject to an additional 19% VAT - not refundable

All fees include drinks & lunch

■ Some hotels (near Campus Großhadern)

www.hotel-thalmair.de

www.hotel-neumayr.de

www.empress-hotel.de

Space is limited, please register early

Closing date for Registration

February 27th 2015

"last minute" registration possible (+20%)

Floor plan



Academic Partners



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To be announced...

Press/Publication

PeerJ - Human Motion Collection
www.PeerJ.com

Foot & Ankle

Organizing Committee

Martin Daumer PhD, SLC, Human Motion Institute, Trium, TUM
Jörg Goldhahn MD, NIBR, ETH Zürich
Klaus Jahn MD, LMU, German Center for Vertigo and Balance Disorders